

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	140	MW
Gas	3,071	MW
Hydro	1,833	MW
Distillate	0	MW
Total TNB	7,114	MW
Total IPP	10,332	MW
Total Co-Gen	57	MW
System Total	17,783	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:00		
TNB Generation	4,657	MW
IPP Generation	7,223	MW
Total Set On Bus	12,779	MW
Maximum Demand	12,033	MW
Spinning Reserve	842	MW
Net Energy	252,121	MWH
Load Factor	87.3	%

Maximum Demand Record

Date :	20/06/2012	15,826.0 MW
Date :	20/06/2012	328,716.0 MWH

Hourly System MW Generation

	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
System Total	11030	10623	10229	9892	9645	9449	9555	9588	9156	9693	10217	10850	10774	10536	10743	10672	10733	10666	10493	11159	12033	11822	11416	11207

Gas Usage

Station	(mmscfd)
CBPS	28
GLGR	56
PAKA	43
PGPS	50
TJGS	140
TNB Total	317
KLPP	61
MPSS	54
PGLA	102
PLPS	116
SGB3	35
SKSP	52
YPKA	50
IPP Total	470
Total Gas	787
Total Gas Required :	787
Gas Calorific Value :	38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	46,700.00	18.52 %
Gas	41,506.00	16.46 %
Hydro	7,802.00	3.09 %
Total TNB	96,008.0	38.08 %
ST-Coal	93,802.0	37.21 %
Gas	60,410.0	23.96 %
Total IPP	154,212.0	61.17 %
Co-Gen	1,552.0	0.62 %
Total Co-Gen	1,552.0	0.62 %
Total Generation	251,772.0	99.86 %
PLTG	346.0	0.14 %
HVDC	-695.0	-0.28 %
Interconnection	-349.0	-0.14 %
Net Energy	252,121.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	400
Hydro	156
Syncon	443
Thermal	167
Total	1166

Weather Temperature

	Weather	Temperature
Morning	Sunny	27
Afternoon	Hot	31

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
CEND	HY02	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
CEND	HY03	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
KNRG	HY01	19	23	24	23	18	25	23	23	21	22	23	22	23	23	23	22	23	24	24	21	21	25	26	24
KNRG	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNYR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
KNYR	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNYR	HY04	56	60	63	61	50	66	65	59	63	57	54	63	63	63	62	62	62	62	62	58	61	60	60	60
LPIA	HY01	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
MNOR	HY01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PGAU	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY02	40	43	46	45	35	49	48	43	45	31	30	36	36	38	35	32	40	40	36	36	43	40	38	34
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UPIA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total Hydro		175	186	193	189	180	199	198	185	191	169	164	182	183	188	179	147	165	205	186	175	178	241	296	291
PCUF	CUFG	19	18	20	21	16	18	20	19	18	17	16	17	17	19	19	19	18	17	19	18	17	19	18	15
PCUF	CUFK	41	39	40	40	38	41	39	40	41	40	39	40	40	40	40	39	39	41	40	37	39	39	40	40
Total Co-Gen		60	57	60	61	54	60	57	60	56	60	61	57	54	58	56	59	60	59	57	59	59	60	58	57
Total Gen		11045	10933	10545	10402	10281	9777	9866	9777	9503	9488	9444	9528	9506	9568	9485	9401	9239	9330	9640	10011	10232	10666	10795	10780
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIE-HYDC		-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		44	104	-49	-18	81	-35	3	74	-54	-38	24	-1	-20	-98	-75	146	112	-28	-25	88	45	-1	-27	
Interconnection		15	75	-78	-47	52	-64	-26	46	-82	-67	-5	-30	-49	-126	-103	117	83	-56	-53	58	15	-29		
System Total		11020	10838	10623	10449	10229	10041	9892	9731	9645	9555	9449	9558	9555	9684	9588	9384	9156	9386	9603	9953	10217	10695	10850	
SRev ST-Coal		15	5	192	246	319	475	459	472	566	611	619	619	615	615	621	640	644	620	619	612	525	410	411	331
SRev ST-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev ST-Oil		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev CCGT-Gas		947	1077	988	1074	1056	1229	1352	1418	1437	1435	1456	1387	1412	1341	1430	1470	1455	1405	1215	833	621	243	392	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev Co-Gen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syncon		576	576	576	576	576	576	576	576	576	576	576	576	576	576	576	576	576	576	576	576	576	576	576	576
Hydro		118	107	100	104	264	94	95	108	102	124	129	111	110	105	114	146	128	239	107	118	115	127		

Daily MW Generation On Tuesday
25-Dec-2012

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300																								
S.Reserve	Total	1656	1765	1856	2000	2064	2374	2482	2574	2681	2746	2780	2693	2717	2637	2735	2813	2799	2863	2668	2296	2074	1621	1675	1541	1654	1796	1839	1754	1696	1623	1730	1681	1685	1741	1817	1833	1859	1570	1360	993	842	894	911	922	1077	1051	1149	1283